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Page 1 of 2

Docket No.: DEXCOM.011A

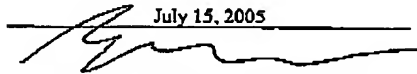
CUSTOMER NO. 20995

Applicant : Brauker, et al.
 App. No. : 10/646,333
 Filed : August 22, 2003
 For : OPTIMIZED SENSOR GEOMETRY FOR
 AN IMPLANTABLE GLUCOSE SENSOR
 Examiner : Kremer, M.J.
 Group Art Unit : 3736

CERTIFICATE OF FAX TRANSMISSION

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 273-8300 on the date shown below:

July 15, 2005


 Rose M. Thiessen, Reg. No. 40.202

Transmitted herewith for filing and consideration in the above-referenced application are the following items:

(X) Amendment/Response in 14 pages.

(X) Non-Final

FILING FEES:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Total Claims minus 20; or Previously Paid	50 - 76 = 0	1202 (\$50)	0 x \$50 =	\$0
Independent minus 3; or Previously Paid	8 - 8 = 0	1201 (\$200)	0 x \$200 =	\$0
			TOTAL FEE DUE	\$0

Orange County
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415-954-4114Los Angeles
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Knobbe Martens Olson & Bear LLP

Application No.: 10/646,333

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Filing Date: August 22, 2003

(X) Total pages in transmission: 16

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.



Rose M. Thiessen
Registration No. 40,202
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071505

JUL 18 2005

DEXCOM.011A

PATENT

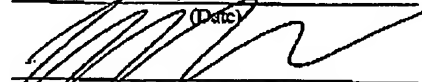
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed June 6, 2005, Applicants respectfully request that the Examiner enter the following supplemental amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Summary of Interview begins on page 9 of this paper.

Remarks/Arguments begin on page 11 of this paper.